

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
2 June 2005 (02.06.2005)

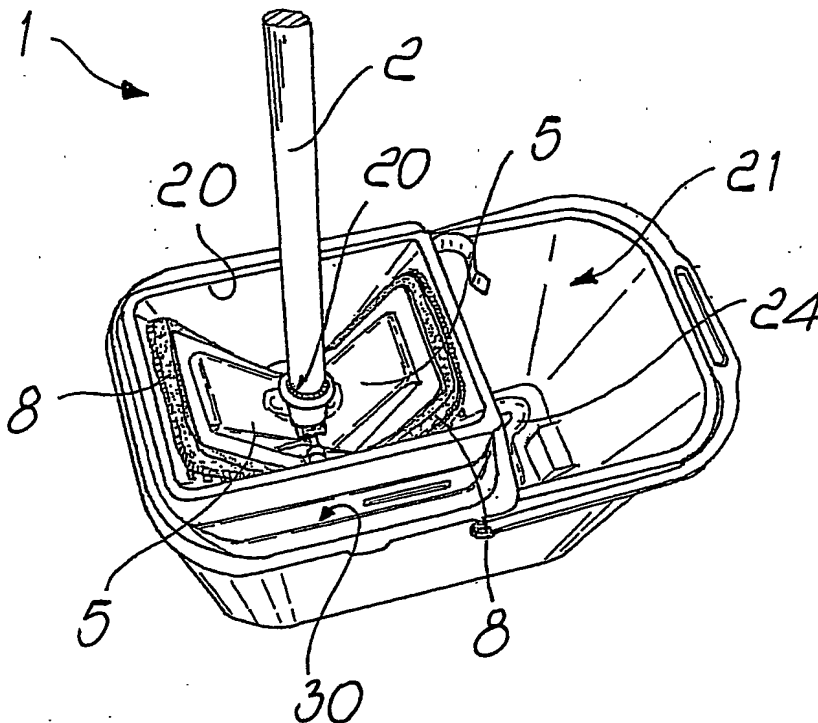
PCT

(10) International Publication Number  
**WO 2005/048805 A1**

- (51) International Patent Classification<sup>7</sup>: **A47L 13/258**,  
13/58
- (21) International Application Number:  
PCT/EP2004/012615
- (22) International Filing Date:  
8 November 2004 (08.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
SA 2003 A000019  
10 November 2003 (10.11.2003) IT
- (71) Applicant (for all designated States except US): **NOBIL-TEC S.R.L.** [IT/IT]; Via San Bortolo, 16, I-36020 Pove del Grappa (IT).
- (72) Inventor: **URBANO, Luisa** [IT/IT]; Via Bernini, 88, I-80129 Napoli (IT).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **HEINZER, Veit, Michael** [CH/IT]; Contra' Corte S. Eusebio, 28, I-36061 Bassano del Grappa (IT).
- (74) Agent: **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, IT-20123 Milano (IT).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: **DEVICE FOR CLEANING FLOORS AND SIMILAR SURFACES**



(57) Abstract: A device (1) for cleaning floors and similar surfaces, comprising a stick (2), which is connected, at a terminal portion (2a) thereof, by way of kinematic connection means (3), to a supporting means (4), which is associable with cleaning means (8), said supporting device (4) comprising at least two arms (5), which lie along respective main longitudinal directions and are mounted so that they can rotate with respect to said stick (2) about a respective articulation axis (100) in order to pass, upon insertion of said supporting means (4) in a wringing basket (20) associated with a water containment bucket (21), from an active or extended condition, in which the respective main longitudinal directions define a working surface, to a wringing or retracted condition, in which the respective longitudinal directions of said at least two arms (5) are angularly spaced from said working surface, return means (6) being further provided which are adapted to return said supporting means (4)

to the active or extended condition as a consequence of disengagement from said wringing basket (20).



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*